AMENDMENTS TO THE CLAIMS

The following listing of claims will replace all prior versions and listings of claims in the application.

LISTING OF CLAIMS

1-38. (Canceled).

39. (New) A resection assembly to allow resection of a selected bone portion, comprising:

a positioning rod adapted to be disposed within the selected bone portion;

a reamer guide portion moveable relative to said positioning rod and adjustably securable in at least a first position and a second position;

a resecting tool guided by said reamer guide portion such that a selected portion of the selected bone portion is resected, said resecting tool translating in a direction generally along a longitudinal axis of the bone separate from said positioning rod during resection of the selected bone portion;

a spacer receiving a portion of said positioning rod and disposed between the bone and the reamer guide portion during resection and operable to limit said translation of the resecting tool during resection;

a depth guide assembly including a stop extending from said resecting tool and selectively secured to various positions along said resecting tool and operable to engage said reamer guide portion upon sufficient translation of said resecting tool to thereby limit movement of said resecting tool relative to said positioning rod; and

wherein said positioning rod and said resecting tool are passed through an incision.

40. (New) The resection assembly of claim 39, wherein only a portion of said positioning rod and a portion of the resecting tool are adapted to pass through the incision.

41. (New) The resection assembly of claim 39, wherein said positioning rod includes:

a bone engaging section extending along a first axis; and

a reamer guide engaging section extending along a second axis;

wherein said reamer guide portion is rotatable about said reamer guide engaging section of said positioning rod.

42. (New) The resection assembly of claim 39, further comprising:

a reamer engaging member operable to interconnect said reamer guide portion and said resecting tool;

wherein said reamer guide portion includes an arm portion and a collar portion wherein the collar portion is rotatable about said positioning rod; and

wherein said reamer engaging member allows for translation along said arm portion of said first guiding member to guide said resecting tool along said arm portion of said first guiding member.

43. (New) The resection assembly of claim 39, wherein said resecting tool includes:

a milling head adapted to be able to resect a portion of the selected bone portion; and

a shaft extending from said milling head along a milling axis;

wherein said milling head is movable along at least said milling axis.

44. (New) The resection assembly of claim 43, wherein said depth guide assembly includes:

a sleeve positioned relative to said shaft; and

a depth guide member fixable to said shaft;

wherein said depth guide member is able to engage said sleeve to select the axial position of said resecting head to select a depth of the resection of the selected bone portion.

45. (New) The resection assembly of claim 39, wherein said reamer guide portion is fixable relative to said positioning rod at a plurality of positions such that said resecting tool resects a selected position when said reamer guide portion is fixed relative to said positioning rod.

46. (New) The resection assembly of claim 39, wherein the incision is about 1 cm to about 10 cm in length; and

substantially only said positioning rod and said resecting tool are adapted to extend through the incision.

47. (New) An assembly to resect a selected bone portion, comprising:

a positioning member partially disposed within the selected bone portion;

a guiding member rotatably extending from said positioning member that is adjustably securable in at least a first position enabling resection of a first portion of the bone and a second position enabling resection of a second portion of the bone; and

a resecting member guided by said guiding member and rotatable about a resecting axis, said resecting member translating in a direction generally along a longitudinal axis of the bone separate from said positioning member during resection of the selected bone portion;

a depth selection assembly including:

a depth guide operably interconnected with said resecting member to provide an axial depth selection of said resecting member; and

a fixable sleeve operably interconnected with said depth guide, such that said depth guide operably engages said sleeve to select a depth of said resecting member relative to said positioning member;

wherein said resecting member is rotatable around said positioning member to at least one position relative to said positioning member, and wherein said resecting member adjustably positions at a first angle relative to an axis of said positioning member in said first position and at a second angle relative to said axis of said positioning member in said second position and wherein said first position is distinct from said second position and said first angle is distinct from said second angle.

48. (New) The assembly of claim 47 wherein said depth guide threadably translates along a shaft of said resecting member to define said axial depth selection.

49. (New) The assembly of claim 47, wherein at least a portion of said positioning member is adapted to be disposed within the selected bone portion.

50. (New) The assembly of claim 47, further comprising a spacer wherein a first portion of said positioning member is disposed in the medullary portion of the femur and a second portion of said positioning member is received by said spacer.

51. (New) The assembly of claim 47, wherein the positioning member has a width of about 0.5 to about 2.0 cm.

52. (New) The assembly of claim 47, wherein said resecting member includes:

a milling head having a dimension of about 0.5 cm to about 3.0 cm; and

a shaft extending from said milling head having a width of about 0.25 cm to about 2.0 cm.

53. (New) The assembly of claim 47, wherein said guiding member includes:

a first portion operably interconnected to said resecting member; and

a second portion extending from said first portion and operably interconnected to said positioning member to allow said first portion to rotate relative to said positioning member.

54. (New) The assembly of claim 53, further comprising:

a resecting member holder to operably interconnect said resecting member and said second portion of said guiding member;

wherein said resecting member allows for translation of said resecting member along a length of said second portion of said guiding member.

55. (New) The assembly of claim 47, wherein said positioning member and said resecting member operably interact through a substantially less invasive procedure to resect the selected bone portion;

wherein substantially only said positioning member and said resecting member are adapted to engage the selected bone portion.

56. (New) The assembly of claim 47, further comprising:

a second guiding member to operably interconnect said first guiding member and said resecting member;

wherein said second guiding member allows for a selected radial translation of said resecting member relative to said positioning member.

57. (New) A resection assembly to allow resection of a selected bone portion, comprising:

a positioning rod adapted to be disposed within the selected bone portion through an incision formed relative to the selected bone portion;

a reamer guide portion moveable relative to said positioning rod and adjustably securable in at least a first position enabling resection of a first portion of the bone and a second position enabling resection of a second portion of the bone;

a resecting tool movably coupled to said positioning rod and rotatable about a resecting axis, said resecting tool guided by said reamer guide portion such that a selected portion of the selected bone portion is resected;

a spacer adapted to be disposed between the bone and said reamer guide portion during resection and operable to limit said translation of said resecting tool during resection; and

a depth guide assembly operable between said reamer guide portion and said resecting tool to select an axial movement of said resecting tool, said depth guide assembly including a depth guide and a sleeve selectively engaged to said resecting tool, wherein said depth guide is movable along said resecting tool to engage said sleeve and limit a depth of cut of said resecting tool;

wherein said positioning rod and said resecting tool are passed through the incision.

58. (New) The resection assembly of claim 57 wherein said resecting tool translates in a direction generally along a longitudinal axis of the bone separate from said positioning rod during resection of the selected bone portion and wherein said resecting tool adjustably positions at a first angle relative to an axis of said positioning member in said first position and a second angle relative to said axis of said positioning member in said second position, wherein said first angle is distinct from said second angle and said first position is distinct from said second position.

59. (New) The resection assembly of claim 57, wherein said resecting tool includes:

a milling head adapted to be able to resect a portion of the selected bone portion; and

a shaft extending from said milling head along a resecting axis;

wherein said milling head is movable along at least said resecting axis.

60. (New) The resection assembly of claim 57, wherein said depth guide assembly includes:

a stop configured to be secured to at least one position on said resecting tool in order to limit axial movement of said resecting tool.

61. (New) The resection assembly of claim 57, wherein said resecting tool includes:

a resecting head having a dimension of about 0.5 cm to about 3.0 cm; and

a shaft extending from said resecting head having a width of about 0.25 cm to about 2.0 cm; and

wherein the positioning member defines a width of about 0.5 to about 2.0 cm.

62. (New) The resection assembly of claim 57 wherein said positioning member extends through a portion of said spacer.

63. (New) The assembly of claim 57 wherein said resecting tool is movably coupled to said positioning member to enable movement separate from said positioning member.